



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 8, 2017

Paula Bodey
Sr. Registration Manager
FMC Corporation
2929 Walnut Street
Philadelphia, PA19104

Subject: Label Amendment – Addition of chemigation directions; miscellaneous changes;
Master and supplemental labels
Product Name: FLUTRIAFOL 500 G/L SC
EPA Registration Number: 279-3594
Application Date: 10/28/2016
Decision Number: 523270

Dear Ms. Bodey:

The amended master label and supplemental label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This master labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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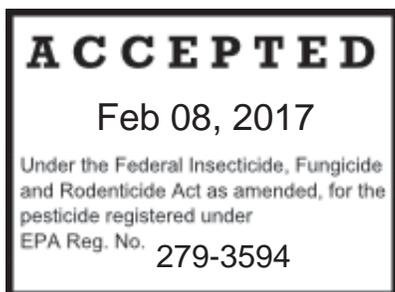
Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at Muhammad.maryam@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'HJ', written in a cursive style.

Hope Johnson, Product Manager 21
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure



Group 3 Fungicide

FLUTRIAFOL 500 g/L SC
Fungicide

For Use on Cotton.

{Alternate Brand Name: TOPGUARD® TERRA}
{When an alternate brand name is used, it will also be used in the body of the label.}

ACTIVE INGREDIENT:

*Flutriafol

42.0%

OTHER INGREDIENTS:

58.0%

TOTAL:

100.0%

*Contains 4.16 pounds per gallon of the active ingredient flutriafol.
Suspension concentrate.

Keep Out of Reach of Children
CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en
detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

| |
|---|
| <p>IN CASE OF A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL TOLL FREE, DAY OR NIGHT, 1-800-331-3148</p> |
|---|

– OR –

| | |
|--|--|
| <p>For MEDICAL EMERGENCY 1-800-331-3148</p> | <p>For SPILLS CHEMTREC 1-800-424-9300</p> |
|--|--|

Notice: Read the entire Directions for Use, Warranty Disclaimer, Inherent Risks of Use,
and Limitation of Remedies before buying or using this product. If the terms are not
acceptable, return the product at once, unopened, and the purchase price will be
refunded. **Note to PM**, the following bracketed statements are individually optional
depending on the packaging configuration and whether a booklet label design is used:

- a.[See First Aid statement on back [label] [panel] [of booklet]].
- b.[See additional precautionary statements and Directions for Use in booklet.]
- c.[Read the entire label before using this product.]
- d.[See First Aid, Precautionary Statements, and Directions for Use on individual packages.]

EPA Reg. No.279-3594

EPA Est. No._____

Net Contents: _____

Sold by:
FMC Corporation
Agricultural Products Group
2929 Walnut Street
Philadelphia, PA 19104

TOPGUARD is a registered trademark of FMC.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Caution. Harmful if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

FIRST AID

If swallowed:

- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
- Do not give anything to an unconscious person.
- Call a poison control center or doctor immediately for treatment advice.

If on skin:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-866-303-6950 for emergency medical treatment information.

Note to Physician: No specific antidote. Treat symptomatically.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators must wear: long-sleeved shirt and long pants, chemical-resistant gloves (Barrier Laminate, Butyl Rubber, Nitrile rubber ≥ 14 mils, Neoprene rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Polyethylene, Polyvinyl chloride ≥ 14 mils, or Viton® ≥ 14 mils), and shoes plus socks.

Mixers and Loaders must wear: long-sleeved shirt and long pants, shoes plus socks, and chemical resistant gloves (Barrier Laminate, Butyl Rubber, Nitrile rubber ≥ 14 mils, Neoprene rubber ≥ 14 mils, Natural Rubber ≥ 14 mils, Polyethylene, Polyvinyl chloride ≥ 14 mils, or Viton® ≥ 14 mils) and safety glasses.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should: Wash thoroughly after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product.

Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This formulated product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory: Flutriafol has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

[Note to Reviewer: Below is optional state specific language.]

[Optional language for CA: In California, this product may only be applied to fields that are not irrigated, or are irrigated using pressurized irrigation methods such as macro-sprinkler, micro-sprinkler, or drip systems.]

[Optional language for NY: Not for sale, distribution, or use in Nassau or Suffolk Counties of New York State.]

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI). The REI for each crop is located in the use directions for each crop.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: coveralls, chemical resistant gloves, and shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

Pesticide Storage: Store unused product in original container in a cool, dry, secure area.

Pesticide Disposal: Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Handling:

Nonrefillable container. [equal to or less than 5 gallons]

Do not reuse or refill this container.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure 2 more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable container. [greater than 5 gallons] [and less than 260 gallons]

Do not reuse or refill this container.

Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank and store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or a mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Once container is rinsed, offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

{Note to PM, IBC's may be nonrefillable or refillable, the container handling section will state either Nonrefillable or Refillable.}

Nonrefillable container. {or}

Refillable container.

Bottom discharge IBC.

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

PRODUCT DIRECTIONS

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH RESTRICTIONS, PRECAUTIONARY STATEMENTS, AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Chemigation:

Application through Irrigation Systems (Chemigation):

Apply FLUTRIAFOL 500 G/L SC through irrigation to crops at rates and timings specified in this label. Chemical tank and injector system must be thoroughly cleaned before and after use. Flush system with clean water.

Drip Irrigation: Use FLUTRIAFOL 500 G/L SC for control of diseases at rates and timing as specified in this label. Ensure adequate soil moisture prior to utilizing FLUTRIAFOL 500 G/L SC in a drip irrigation system. Restriction: Do not apply FLUTRIAFOL 500 G/L SC through drip irrigation that is deeper than 12" below the soil surface.

Discontinue drip irrigation application at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. Delay subsequent irrigation (water only) for at least 24 hours following drip application for best results.

Operating Requirements for Application through Irrigation Systems:

1. Restriction: Do not use chemigation when conditions are favorable for drift to non-target areas.
2. To prevent water-source contamination from backflow, a functional check valve, vacuum relief valve, and low-pressure drain should be located on the irrigation pipeline.
3. To prevent backflow back toward the injection pump, the pesticide injection pipeline must be equipped with a functional, automatic, quick-closing check valve.
4. To prevent fluid from being withdrawn from the supply tank when the irrigation system is shut down, the pesticide injection pipeline should also be equipped with a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock.
5. The system must also contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops and a functional pressure switch to stop the pump motor when water pressure decreases to a point at which pesticide distribution is adversely affected.
6. A metering pump, constructed of materials compatible with pesticides and capable of being fitted with a system interlock, such as a positive displacement injection pump (e.g., a diaphragm pump), must be included in the system.
7. A knowledgeable person responsible for the chemigation system should shut the system down and turn the irrigation water off, ensuring enough time for the pesticide to be flushed through all lines and nozzles.
8. No irrigation system, including those in greenhouses, used to distribute pesticides can be connected to a public water source unless safety measures and devices prescribed

in the pesticide label for such connection are in place.

Specific Instructions for Public Water Systems:

1. Public water system means a system that provides piped water for human consumption if the system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. All measures and devices listed in the above section, “Operating Requirements for Application through Irrigation Systems”, must be operational for connection to a public water system.
3. Additionally, chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There must be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

Crop Rotation: Fields treated with an application rate of greater than 0.228 lbs.ai/acre/season may be planted to the following crops that have tolerances established for residues of flutriafol: field corn; field corn grown for seed; popcorn; cotton; cucurbits; fruiting vegetables; grapes; hops, Brassica leafy vegetables crop group 5; leafy vegetables, except Brassica, crop group 4; peanut; pome fruit; grain sorghum; soybean; stone fruit; strawberry; sugar beet; tomato; tree nuts; triticale; or wheat immediately after the last application. Fields treated with application rates less than or equal to 0.228 lbs.ai/acre/season may be planted to the crops listed above, and may also be planted to sweet corn 180 days after the last application. Rotation to any other crop is prohibited.

RATE EQUIVALENCY TABLE

| Product Rate (fl. oz./A) | Equivalent Active Ingredient Rate (lb a.i./A) |
|-----------------------------|--|
| 4.0 | 0.130 |
| 5.0 | 0.162 |
| 6.0 | 0.195 |
| 7.0 | 0.227 |
| 8.0 | 0.260 |

Tank Mixing: Flutriafol 500 g/L SC Fungicide may be tank mixed with other fungicides, herbicides, insecticides, and/or other additives unless prohibited on the label of the tank mix partner. Follow more restrictive labeling of any tank mix partner. Although Flutriafol 500 g/L SC Fungicide is compatible with most products, not all combinations have been tested. It is the pesticide user’s responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary

statements of each product in the tank mixture. Use the compatibility jar test to ensure physical compatibility. Before applying any tank mixture not specifically recommended on this label, the crop safety of the target crop should be confirmed by applying the mixture to a small area of the target crop in accordance to the label instructions.

Compatibility Jar Test: Flutriafol 500 g/L SC Fungicide is compatible with most products, however not all combinations have been tested. Use the following compatibility jar test to ensure physical compatibility.

Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add wettable powders and water dispersible granular products first, next liquid flowables, then emulsifiable concentrates, and last liquid soluble products. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank. Use tank mix combinations on a small number of plants before treating larger areas. When tank mixing, follow more restrictive labeling of any tank mix partner. Do not tank mix with any product that contains a prohibition on tank mixing.

Spray Equipment/Volume: Flutriafol 500 g/L SC Fungicide should be applied in 5-10 gallons total spray volume per acre.

Resistance Management: Flutriafol 500 g/L SC Fungicide contains the active ingredient flutriafol, which is a Group 3 fungicide based on the mode of action classification system. Repeated use of the same group of fungicides for a targeted disease may lead to the selection of resistant strains of fungi and result in reduced disease control.

To maintain performance of Flutriafol 500 g/L SC Fungicide and other fungicides in the same group, tank mix or rotate with a different fungicide group for good disease resistance management. For assistance on a particular crop and disease control situation, consult your local agricultural dealer, consultant, applicator, or state extension personnel for specific practices or recommendations in your area.

High Disease Pressure: Use the higher specified rate of Flutriafol 500 g/L SC Fungicide when the crop is grown under irrigation or when the field has a history of high root rot disease pressure.

CROP USE DIRECTIONS

Product Information:

Flutriafol 500 g/L SC Fungicide works by forming a protective barrier around the crop root at the point of disease infection. Precipitation in the form of rainfall or irrigation is required to move the product into the infection zone. The amount of water required will vary with soil type, soil moisture, and rainfall or irrigation intensity.

Use Directions for Cotton

| Diseases | Product Rate (fl.oz./A) |
|--|--|
| Cotton Root Rot (<i>Phymatotrichopsis omnivora</i>) | 4 – 8 (see cotton row spacing table below for rate chart depending on row width) |
| Application Directions | |
| Application Methods: | |
| <p>T-Band Application: Apply Flutriafol 500 g/L SC Fungicide in a concentrated 3-4 inch wide band at planting perpendicular to row direction after furrow opening and seed placement but prior to furrow closure with press wheel.</p> <p>Modified In-Furrow Application: Apply using a splitter/Y shaped application mechanism that directs the product on the sides of seed furrow and not in direct contact with the seed.</p> <p>Drip Irrigation: This product may be applied through drip irrigation systems where drip tape is not deeper than 12 inches below the soil surface. Apply only through drip irrigation systems configured with drip tape directly below the row and running in the same direction as the rows.</p> | |
| <u>Application Methods to use by Field Irrigation Type</u> | |
| <p>Overhead or Sprinkler Irrigation Fields:</p> <ul style="list-style-type: none"> • T-Band is the preferred application method under these cropping systems. • Modified In-Furrow can be used. Avoid applying product in direct contact with seed. | |
| <p>Dryland Fields:</p> <ul style="list-style-type: none"> • Modified In-Furrow application technique may provide more consistent control under low rainfall conditions. • Application using a T-Band method requires rainfall to move the product into the disease infection zone below the soil surface. | |

Furrow and Drip Irrigated Fields:

- Apply in T-Band, Modified In-Furrow, or through drip tape.
- When using the Modified In-Furrow application method sufficient irrigation must be applied to thoroughly wet the Flutriafol 500 g/L SC Fungicide treated zone after cotton has emerged.
- For T-Band applications, the top of the bed must be thoroughly wetted after the cotton has emerged.
- Follow instructions in chemigation section of this label when applying through drip irrigation systems.

NOTICE for All Applications Methods and Field Conditions:

Heavy rainfall or irrigation within 3 days after planting may delay emergence.

Restrictions:

- No single application may exceed 8 fl. oz. of product/A.
- Do not apply more than one soil application per year.
- Do not apply more than 0.488 lbs. ai flutriafol / acre per year (including soil and foliar applications).
- Do not apply with liquid fertilizer.
- Restricted Entry Interval (REI) for all activities is 12 hours.
- Preharvest Interval: Do not apply within 30 days of harvest.

Cotton row spacing table

| Cotton Row Spacing (inches) | Fluid Ounces of Product to be Applied / 1000 Row Feet | |
|--------------------------------|---|-------------------------|
| | 4 fl.oz./A product rate | 8 fl.oz./A product rate |
| 30 | 0.23 | 0.46 |
| 32 | 0.24 | 0.48 |
| 36 | 0.28 | 0.56 |
| 38 | 0.29 | 0.58 |
| 40 | 0.31 | 0.62 |

30" = 17,424 row ft. per acre, 32" = 16,315 row ft. per acre, 34" = 15,374 row ft. per acre,
36" = 14,520 row ft. per acre, 38" = 13,754 row ft. per acre, 40" = 13,068 row ft. per acre.

Formula:

$$\frac{\text{Selected Use Rate (fl.oz./A)}}{[\text{Row ft. for row spacing} / 1000 \text{ ft.}]} = \text{fl.oz. of product to be applied per 1000 row ft.}$$

Example for 30" row spacing at 4 fl.oz./A:

$$\frac{4 \text{ fl.oz./A}}{[17,424 / 1000 \text{ ft.}]} = 0.23 \text{ fl.oz. of product to be applied per 1000 row ft.}$$

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. To the extent consistent with applicable law, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product.

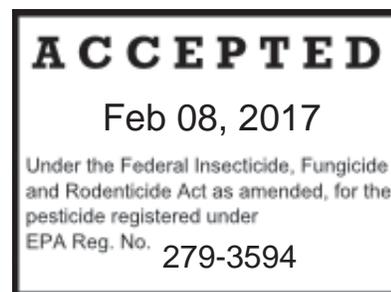
To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

2-6-2017

FLUTRIAFOL 500 g/L SC**Fungicide**{ABN: Topguard[®] Terra}

EPA Reg. No. 279-3594 [or] [67760-126]



Group 3 Fungicide

For chemigation directions and disease control on cotton.

*THIS SUPPLEMENTAL LABEL EXPIRES ON February 7, 2018
AND MUST NOT BE USED OR DISTRIBUTED AFTER THIS DATE*

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Read the entire label. This label must be in the possession of the user at the time of application. Read the label affixed to the container for FLUTRIAFOL 500 G/L SC Fungicide before applying. Use of FLUTRIAFOL 500 G/L SC Fungicide according to this labeling is subject to the use precautions, restrictions, and limitations imposed by the label affixed to the FLUTRIAFOL 500 G/L SC Fungicide container.

Chemigation:**Application through Irrigation Systems (Chemigation):**

Apply FLUTRIAFOL 500 G/L SC through irrigation to crops at rates and timings specified in this label. Chemical tank and injector system must be thoroughly cleaned before and after use. Flush system with clean water.

Drip Irrigation: Use FLUTRIAFOL 500 G/L SC for control of diseases at rates and timing as specified in this label. Ensure adequate soil moisture prior to utilizing FLUTRIAFOL 500 G/L SC in a drip irrigation system. Restriction: Do not apply FLUTRIAFOL 500 G/L SC through drip irrigation that is deeper than 12" below the soil surface.

Discontinue drip irrigation application at fungicide depletion from the main feed supply tank or after 6 hours from start, whichever is shorter. Delay subsequent irrigation (water only) for at least 24 hours following drip application for best results.

Operating Requirements for Application through Irrigation Systems:

1. Restriction: Do not use chemigation when conditions are favorable for drift to non-target areas.
2. To prevent water-source contamination from backflow, a functional check valve, vacuum relief valve, and low-pressure drain should be located on the irrigation pipeline.
3. To prevent backflow back toward the injection pump, the pesticide injection pipeline must be equipped with a functional, automatic, quick-closing check valve.
4. To prevent fluid from being withdrawn from the supply tank when the irrigation system is shut down, the pesticide injection pipeline should also be equipped with a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock.

SUPPLEMENTAL LABELING

5. The system must also contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops and a functional pressure switch to stop the pump motor when water pressure decreases to a point at which pesticide distribution is adversely affected.
6. A metering pump, constructed of materials compatible with pesticides and capable of being fitted with a system interlock, such as a positive displacement injection pump (e.g., a diaphragm pump), must be included in the system.
7. A knowledgeable person responsible for the chemigation system should shut the system down and turn the irrigation water off, ensuring enough time for the pesticide to be flushed through all lines and nozzles.
8. No irrigation system, including those in greenhouses, used to distribute pesticides can be connected to a public water source unless safety measures and devices prescribed in the pesticide label for such connection are in place.

Specific Instructions for Public Water Systems:

1. Public water system means a system that provides piped water for human consumption if the system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
2. All measures and devices listed in the above section, "Operating Requirements for Application through Irrigation Systems", must be operational for connection to a public water system.
3. Additionally, chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back-flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There must be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

Crop Rotation: Fields treated with an application rate of greater than 0.228 lbs.ai/acre/season may be planted to the following crops that have tolerances established for residues of flutriafol: field corn; field corn grown for seed; popcorn; cotton; cucurbits; fruiting vegetables; grapes; hops, Brassica leafy vegetables crop group 5; leafy vegetables, except Brassica, crop group 4; peanut; pome fruit; grain sorghum; soybean; stone fruit; strawberry; sugar beet; tomato; tree nuts; triticale; or wheat immediately after the last application. Fields treated with application rates less than or equal to 0.228 lbs.ai/acre/season may be planted to the crops listed above, and may also be planted to sweet corn 180 days after the last application. Rotation to any other crop is prohibited.

Use Directions for Cotton

| Diseases | Product Rate (fl.oz./A) |
|--|--|
| Cotton Root Rot (<i>Phymatotrichopsis omnivora</i>) | 4 – 8 (see cotton row spacing table below for rate chart depending on row width) |
| Application Directions | |
| <u>Application Methods</u> | |
| T-Band Application: Apply Flutriafol 500 g/L SC Fungicide in a concentrated 3-4 inch wide band at planting perpendicular to row direction after furrow opening and seed placement but prior to furrow closure with press wheel. | |
| Modified In-Furrow Application: Apply using a splitter/Y shaped application mechanism that directs the product on the sides of seed furrow and not in direct | |

contact with the seed.

Drip Irrigation: This product may be applied through drip irrigation systems where drip tape is not deeper than 12 inches below the soil surface. Apply only through drip irrigation systems configured with drip tape directly below the row and running in the same direction as the rows.

Application Methods to use by Field Irrigation Type

Overhead or Sprinkler Irrigation Fields:

- T-Band is the preferred application method under these cropping systems.
- Modified In-Furrow can be used. Avoid applying product in direct contact with seed.

Dryland Fields:

- Modified In-Furrow application technique may provide more consistent control under low rainfall conditions.
- Application using a T-Band method requires rainfall to move the product into the disease infection zone below the soil surface.

Furrow and Drip Irrigated Fields:

- Apply in T-Band, Modified In-Furrow, or through drip tape.
- When using the Modified In-Furrow application method sufficient irrigation must be applied to thoroughly wet the Flutriafol 500 g/L SC Fungicide treated zone after cotton has emerged.
- For T-Band applications, the top of the bed must be thoroughly wetted after the cotton has emerged.
- Follow instructions in chemigation section of this label when applying through drip irrigation systems.

NOTICE for All Applications Methods and Field Conditions:

Heavy rainfall or irrigation within 3 days after planting may delay emergence.

Restrictions:

- No single application may exceed 8 fl. oz. of product/A.
- Do not apply more than one soil application per year.
- Do not apply more than 0.488 lbs. ai flutriafol / acre per year (including soil and foliar applications).
- Do not apply with liquid fertilizer.
- Restricted Entry Interval (REI) for all activities is 12 hours.
- Preharvest Interval: Do not apply within 30 days of harvest.

Cotton row spacing table

| Cotton Row Spacing (inches) | Fluid Ounces of Product to be Applied / 1000 Row Feet | |
|--------------------------------|---|-------------------------|
| | 4 fl.oz./A product rate | 8 fl.oz./A product rate |
| 30 | 0.23 | 0.46 |
| 32 | 0.24 | 0.48 |
| 36 | 0.28 | 0.56 |
| 38 | 0.29 | 0.58 |
| 40 | 0.31 | 0.62 |

30" = 17,424 row ft. per acre, 32" = 16,315 row ft. per acre, 34" = 15,374 row ft. per acre,
 36" = 14,520 row ft. per acre, 38" = 13,754 row ft. per acre, 40" = 13,068 row ft. per acre.

Formula:

$$\frac{\text{Selected Use Rate (fl.oz./A)}}{[\text{Row ft. for row spacing} / 1000 \text{ ft.}]} = \text{fl.oz. of product to be applied per 1000 row ft.}$$

Example for 30" row spacing at 4 fl.oz./A:

$$\frac{4 \text{ fl.oz./A}}{[17,424 / 1000 \text{ ft.}]} = 0.23 \text{ fl.oz. of product to be applied per 1000 row ft.}$$

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